GSA-E10L

EXTERNAL SUPER MULTI DVD REWRITER WITH LIGHTSCRIBE

MAIN FEATURES

- DVD-RAM 12x recording
- All formats compatible (DVR+/-R, -RAM,CD-R,RW)
- 16x DVD+R Double Layer, 4x DVD-R Dual Layer Support (Up to 8.5G)
- Blue Ray Rewriter
- Lightscribe

Specifications		
Speed	Write	DVD-R: 2x, 4x CLV, 8x ZCLV, 16x PCAV
		DVD-R DL: 2x, 4x, 6x CLV
		DVD-RW: 1x, 2x, 4x, 6x CLV
		DVD-RAM: 2x, 3x ZCLV, 3x-5x PCAV (Ver.2.2),
		6x ZCLV, 6x-8x PCAV, 6x-12x PCAV
		DVD+R: 2.4x, 4x CLV, 8x, 12x ZCLV, 16x PCAV
		DVD+R DL: 2.4x, 4x , 6xCLV, 6+8+10x ZCLV
		DVD+RW: 2.4x, 4x CLV, 6x, 8x ZCLV
		(High Speed DVD+RW: 6x, 8x ZCLV)
		CD-R: 4x, 8x, 16x CLV, 24x, 32x, 40x, 48x ZCLV
		CD-RW: 4x, 10x, 16x (CLV), 24x, 32x (ZCLV)
		(High Speed: 10x, Ultra Speed: 16x, 24x
	Read	DVD-R/RW/ROM (SL/DL): 16x/13x/16x/12x max.
		DVD-R DL: 12x max.
		DVD-RAM: (Ver.1.0/2.2) 2x/ 2x, 3x ZCLV, 3x-5x PCAV
		6x CLV, 6x-8x PCAV, 6x-12x PCAV
		DVD-Video: (CSS Compliant Disc) 4.8x max. (Single/D layer)
		DVD+R/+RW: 16x / 13x max.
		DVD+R DL: 12x max.
		CD-R/RW/ROM: 48x/40x/48x max.
		CD-DA (DAE): 40x max.
		80 mm CD: 10x max.
Sustained Transfer Rate		DVD-ROM: 22.16 Mbytes/s (16x) max.
		CD-ROM: 7,200 kB/s (48x) max.
Access Time		DVD-ROM: 145 ms typ.* (Note 1)
		CD-ROM: 125 ms typ. (Note 1)
		DVD-RAM: (Ver.2.2) 270 ms typ
Buffer Size		2MB
Loading Type		Drawer type manual load / Electrical release
Interface Type		X3T13 ATA/ATAPI5/1321D
		INF-8090i Rev.5.3
Lightscribe (Printing time)		1070TPI * 12cm Entire Disc: less than 36 minutes
		855TPI * 12cm Entire Disc: less than 28 minutes
		580TPI * 12cm Entire Disc: less than 20 minutes

Specifications		
Write Method		(1) DVD-R/RW:
		Disc at Once, Incremental Recording
		Restricted Overwrite (DVD-RW only)
		(2) DVD-R DL: Disc at Once (DAO), Format4 (Layer Jump Recording)
		(3) DVD+RW/RAM: Random Write
		(4) DVD+R: Sequential Recording
		(5) DVD-R DL: Sequential Recording
		(6) CD-R/RW:
		Disc at Once (DAO), Session at Once (SAO)
		Track at Once (TAO), Packet Writing
Compatible Formats	DVD	DVD-ROM: 4.7GB (Single Layer), 8.5GB (Dual Layer)
		DVD-R: 4.7GB (Ver. 2.0 for Authoring: read only)
		4.7GB (Ver. 2.1 for General: read & write)
		(DL) 8.5GB (Ver. 3.0)
		DVD-RW: 4.7GB (Ver. 1.2/ Rev 1.0, 2.0, 3.0)
		DVD-RAM: 2.6GB/side (Ver. 1.0: read only)
		1.46GB/side, 4.7GB/side (Ver. 2.2)
		DVD+R: 4.7GB (Ver. 1.3)
		(DL) 8.5GB (Ver. 1.1)
		DVD+RW: 4.7GB (Vol. 1/Ver.1.3, Vol. 2/Ver.1.0)
	CD	CD-ROM Mode-1 data disc
		CD-ROM Mode-2 data disc
		CD-ROM XA, CD-I, Photo-CD Multi-Session, Video CD
		CD-Audio Disc Mixed mode CD-ROM disc (data and audio)
		CD-Extra, CD-Text
		CD-R (Conforming to "Orange Book Part 2": read & write)
		CD-RW (Conforming to "Orange Book Part 3": read & write)
W x D x H (mm)		160 x 50 x 230
Weight (g)		Max 1500
O/S		Windows 2000 Professional, XP Home Edition / Professional / Media Center Edition

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